



National Standard Parts Associates, Inc.

Hydra-Link

In-Line & Closed-End Connectors

4/20/2006

NOTES:

BARE PART

1. MATERIAL: COPPER
2. FINISH: ELECTRO-TIN PLATE

TUBING

1. MULTIPLE WALL POLYOLEFIN
2. MELTABLE, INTEGRAL INNER WALL
3. 250° F (121° C) SHRINK TEMPERATURE
4. -67° F (-55° C) TO 230° F (110° C) CONTINUOUS OPERATING TEMP.
5. TENSILE STRENGTH: 2450 PSI
6. ULTIMATE ELONGATION: 475%
7. SECANT MODULUS, 2%: 26,500 PSI
8. SPECIFIC GRAVITY: 0.97
9. LONGITUDINAL CHANGE: +0, -10%
10. DIELECTRIC STRENGTH: 500 V/MIL
11. VOLUME RESISTIVITY: 10¹² OHM-CM
12. NON-CORROSIVE



IN-LINE TYPE



CLOSED-END TYPE

NSPA Part #	Type	AWG	Barrel Band Colors	Tubing Color	Tubing ID	Overall Length	
						Minimum	Maximum
HL57-20	In-Line Butt	22-24	White (small end) & Red (large end)	Clear with White Marking or Text	.220	1.575	1.838
HL57-16	In-Line Butt	18-20	Red (small end) & Blue (large end)	Clear with Red Marking or Text	.300	1.800	2.100
HL57-14	In-Line Butt	14-16	Blue (small end) & Yellow (large end)	Clear with Blue Marking or Text	.350	2.025	2.363
HL57-10	In-Line Butt	10-12	Yellow (small end) & Red (large end)	Clear with Yellow Marking or Text	.450	2.250	2.625
HL8-22-14	Closed-End	14-22	none	Clear with Blue Marking or Text	.350	1.150	1.700
HL8-18-10	Closed-End	10-18	none	Clear with Yellow Marking or Text	.450	1.650	2.250

Additional note: The butt connector is intentionally offset inside the tubing to provide additional adhesive to the multiple wire side of the connector (larger ID).

All dimensions are measured in inches except where noted.

Reviewed & Approved By:

Bradley A. Price

Brad Price
VP, Operations